

ABSTRACT

A mounting assembly (10) for an electrodeless lamp (100). The mounting assembly (10) comprises a fixture housing (14) having an inner surface (16) and an outer surface (18). The fixture housing is preferably made from aluminum. Spaced-apart heat sinks (20, 21) are affixed to the inner surface (16) of the fixture housing (14). A reflector (22), which is preferably concave, as is the fixture housing, is positioned within the fixture housing (14). The reflector (22) contains two apertures (24, 26) that are aligned with the heat sinks (20, 21). Thermal insulators (28, 29) are positioned in the apertures and surround the heat sinks, thus thermally isolating the reflector from the heat sinks. The lamp (100) is mounted in the fixture housing by attaching brackets (40, 42), which surround the ferrite transformer cores of the lamp, directly to the top surfaces of the heat sinks (20, 21). Mounting is preferably accomplished by having threaded holes formed in the heat sinks and fixing the brackets in place via screws through the legs (44) and screw receiving slots (46).